



US Army Corps  
of Engineers  
Alaska District

# Public Notice of Application for Permit

Regulatory Branch (1145b)  
8800 Glacier Highway  
Suite 106B  
Juneau, Alaska 99801-8079

**PUBLIC NOTICE DATE:** May 26, 2005

**EXPIRATION DATE:** June 25, 2005

**REFERENCE NUMBER:** POA-2003-1288-2

**WATERWAY NUMBER:** Gastineau Channel

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan, seventeen sheets, dated April 13, 2005.

**APPLICANT:** Alaska Department of Transportation and Public Facilities, 6860 Glacier Highway, Juneau, Alaska 99801-7999.

**LOCATION:** The proposed project would be located in Sections 32 and 33, T. 40 S., R. 66 E., Copper River Meridian (USGS Quadrangle Juneau B-2); approximately Lat. 58.358° N., Long. 134.522° W.; near Sunny Point, in Juneau, Alaska.

**WORK:** The applicant requests authorization for the following work associated with the construction of highway improvements:

1. Place approximately 52,300 cubic yards of fill material into approximately 2 acres of wetlands and into approximately 2.65 acres of waters of the United States below the plane of the high tide line (approximate elevation 20.8 feet above the 0.0 foot contour) and the plane of mean high water (approximate elevation 15.4 feet above the 0.0 foot contour).

2. Replace approximately 11 culverts in waters of the United States.

**PURPOSE:** The applicant's stated project purpose is to improve safety and access on Egan Drive and between Egan Drive and the west Lemon Valley; and for motorists, bicyclists and pedestrians traveling to and from the Sunny Point residential area.

**ADDITIONAL INFORMATION:** For additional information about the proposed project, contact the applicant's agent Ms. Kris Benson at (907) 465-4509.

**MITIGATION:** As a result of early project planning, the applicant has incorporated into the proposed project the replacement of culverts under Glacier Highway in

West Creek and East Creek to improve fish passage, as mitigation efforts to reduce impacts to the aquatic environment.

**WATER QUALITY CERTIFICATION:** A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

**COASTAL ZONE MANAGEMENT ACT CERTIFICATION:** Section 307(c)(3) of the Coastal Zone, Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3), requires the applicant to certify that the described activity affecting land or water uses in the Coastal Zone complies with the Alaska Coastal Management Program. A permit will not be issued until the Office of Project Management and Permitting, Department of Natural Resources has concurred with the applicant's certification.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

**CULTURAL RESOURCES:** The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

**TRIBAL CONSULTATION:** The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

**ENDANGERED SPECIES:** No threatened or endangered species are known to use the project area.

Preliminarily, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

**ESSENTIAL FISH HABITAT:** The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS).

We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

**SPECIAL AREA DESIGNATION:** None.

**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact MR. Randal P. Vigil at (907) 790-4490 or by email at [randal.p.vigil@paa02.usace.army.mil](mailto:randal.p.vigil@paa02.usace.army.mil) if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authorities:

(X) Perform work in or affecting navigable waters of the United States -  
Section 10 Rivers and Harbors Act 1899 (33 U.S.C. 403).

(X) Discharge dredged or fill material into waters of the United States -  
Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest  
review will consider the guidelines set forth under Section 404(b) of the Clean  
Water Act (40 CFR 230).

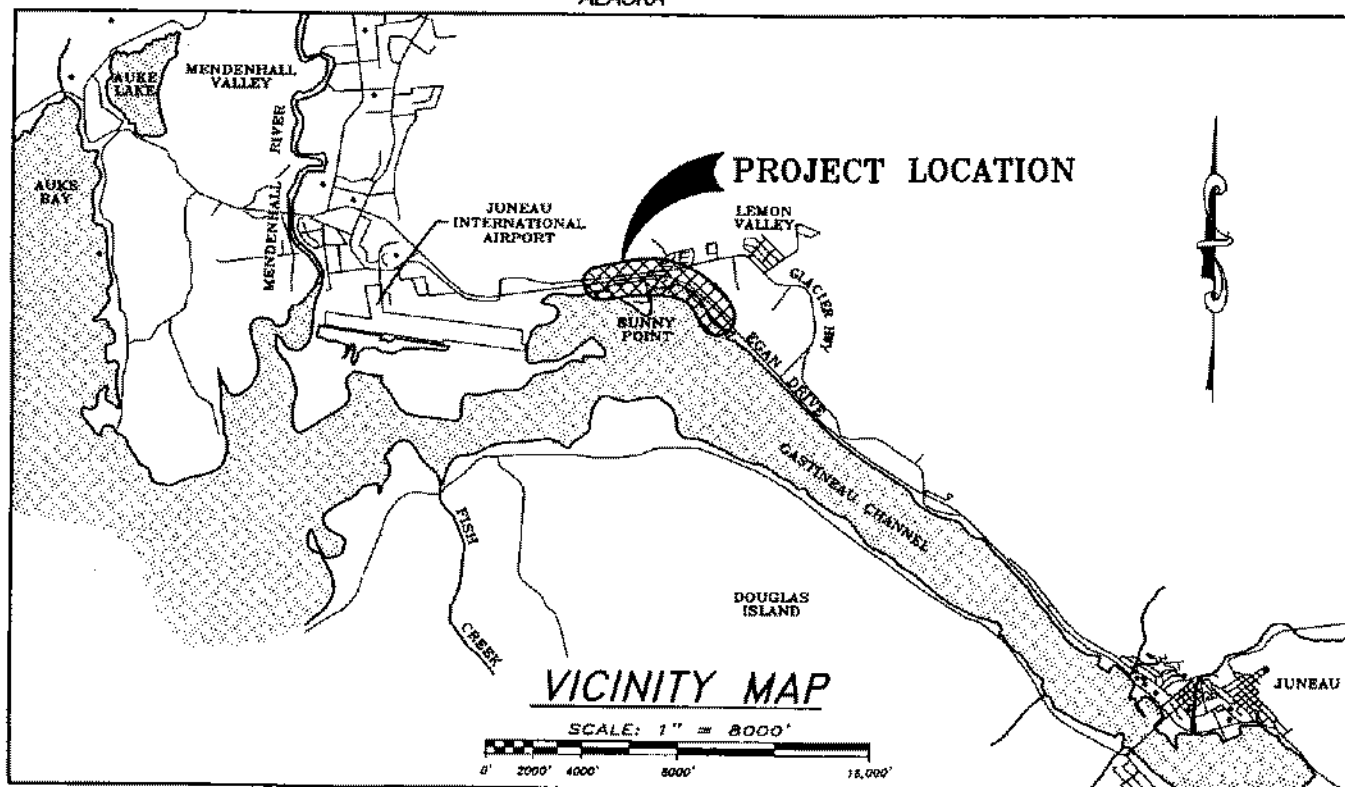
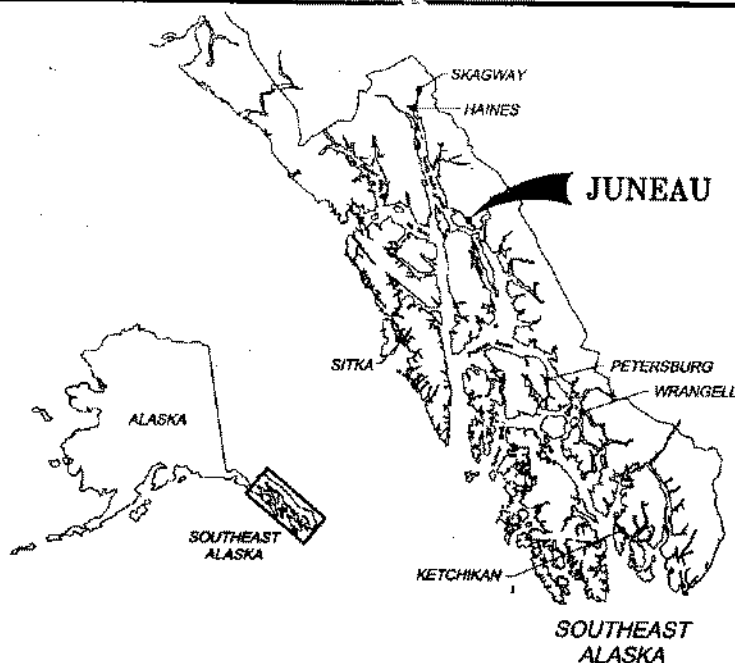
A plan, Notice of Application for Certification of Consistency with the Alaska  
Coastal Management Program, and Notice of Application for State Water Quality  
Certification are attached to this Public Notice.

District Engineer  
U.S. Army, Corps of Engineers

Attachments

# SHEET INDEX

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## 1999 GASTINEAU CHANNEL TIDAL DATA










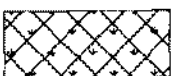
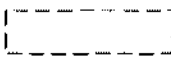





HTL . . . . . 20.80'  
MHW. . . . . 15.34'  
MLLW. . . . . 0.00'

**PURPOSE OF PROJECT:**  
IMPROVE ACCESS AND SAFETY TO WEST  
LEMON VALLEY AND SUNNY POINT.

**SUNNY POINT INTERSECTION  
IMPROVEMENTS**  
DOT & PF PROJECT #71431

**POA-2003-1288-2 (Gastineau Channel)**  
**ADOT&PF**  
**Vicinity Map**  
**Sheet 1 of 1**  
**April 13, 2005**

# SYMBOLS

EXISTING	NEW
 RIGHT-OF-WAY	 EDGE OF PAVEMENT
 MEAN HIGH WATER	 TOE OF SLOPE
 HIGH TIDE LINE	 PAVEMENT MARKINGS
 TOE OF SLOPE	 RETAINING WALL
 CULVERT	 FILL OVER WETLANDS
 STRUCTURE	 RIPRAP
 WATER BODY	 WETLAND RESTORATION
 WETLANDS	 CULVERT

# QUANTITIES

WETLANDS AREA TO BE FILLED = 4.6 ACRES  
 FILL IN WETLANDS = 52,300 CUBIC YARDS

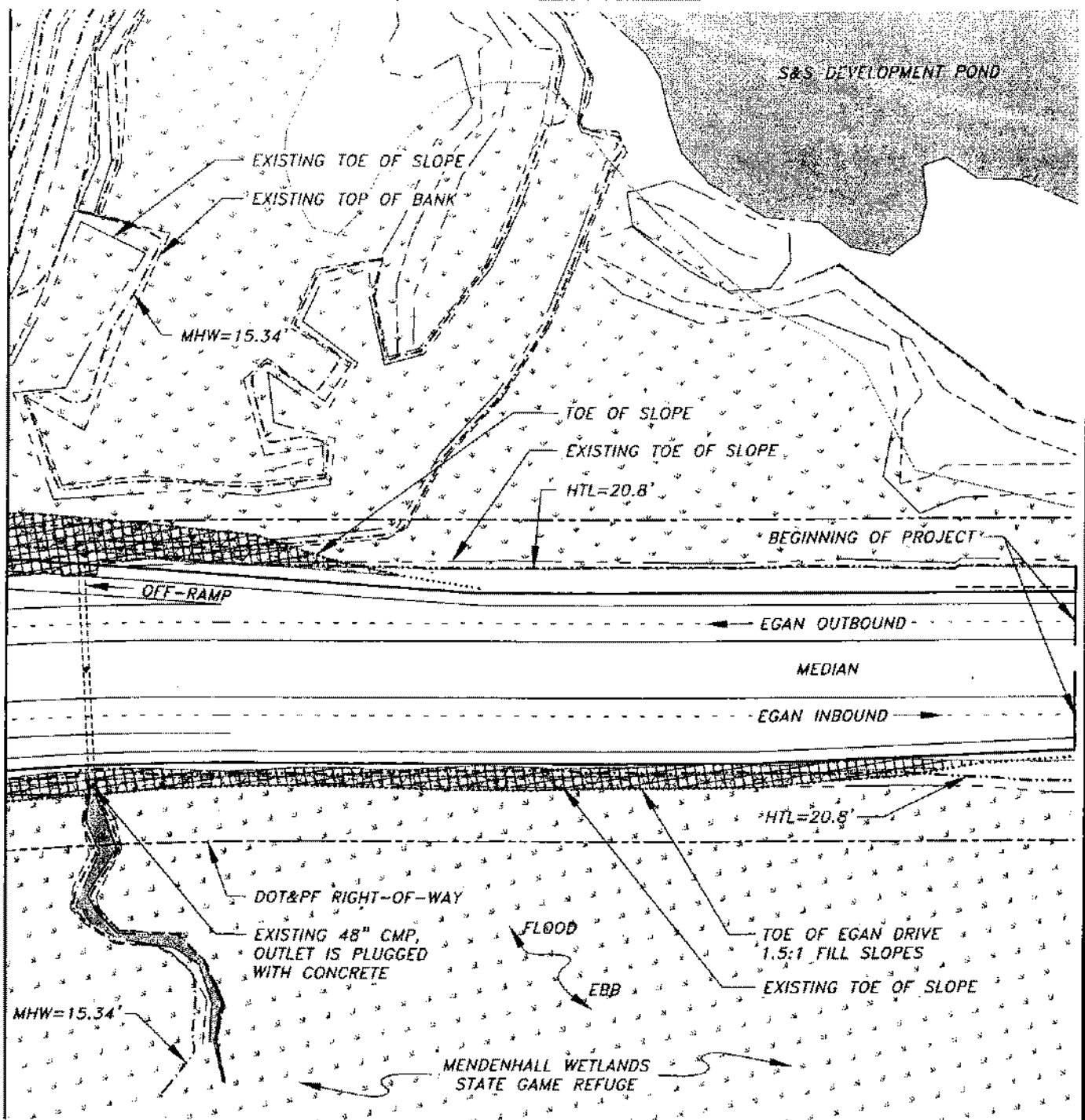
# ABBREVIATIONS

EXIST.      EXISTING  
 I.E.        INVERT ELEVATION  
 TYP.        TYPICAL

SUNNY POINT INTERSECTION  
 IMPROVEMENTS  
 DOT & PF PROJECT #71431

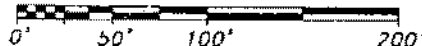
POA-2003-1288-2 (Gastineau Channel)  
 ADOT&PF  
 Legend  
 Sheet 1 of 1  
 April 13, 2005

MATCH LINE, SHEET 6 OF 21



### Site Plan

GRAPHIC SCALE



### SUNNY POINT INTERSECTION IMPROVEMENTS

DOT & PF PROJECT #71431

POA-2003-1288-2 (Gastineau Channel)

ADOT&PF

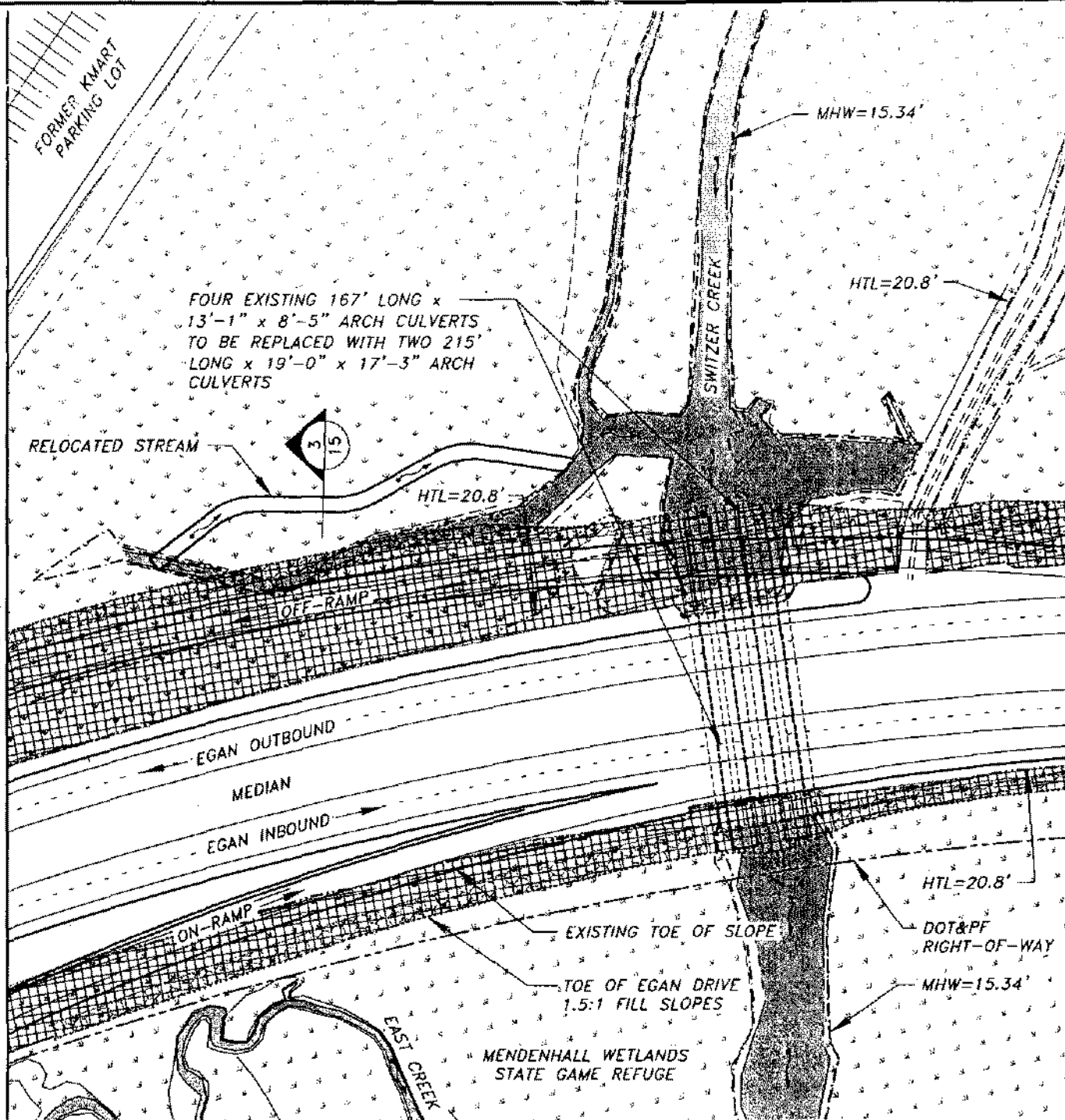
Sunny Point Intersection Improvements

Sheet 1 of 17

April 13, 2005

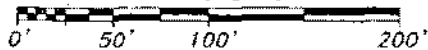
MATCH LINE, SHEET 7 OF 21

MATCH LINE, SHEET 5 OF 21



### Site Plan

GRAPHIC SCALE

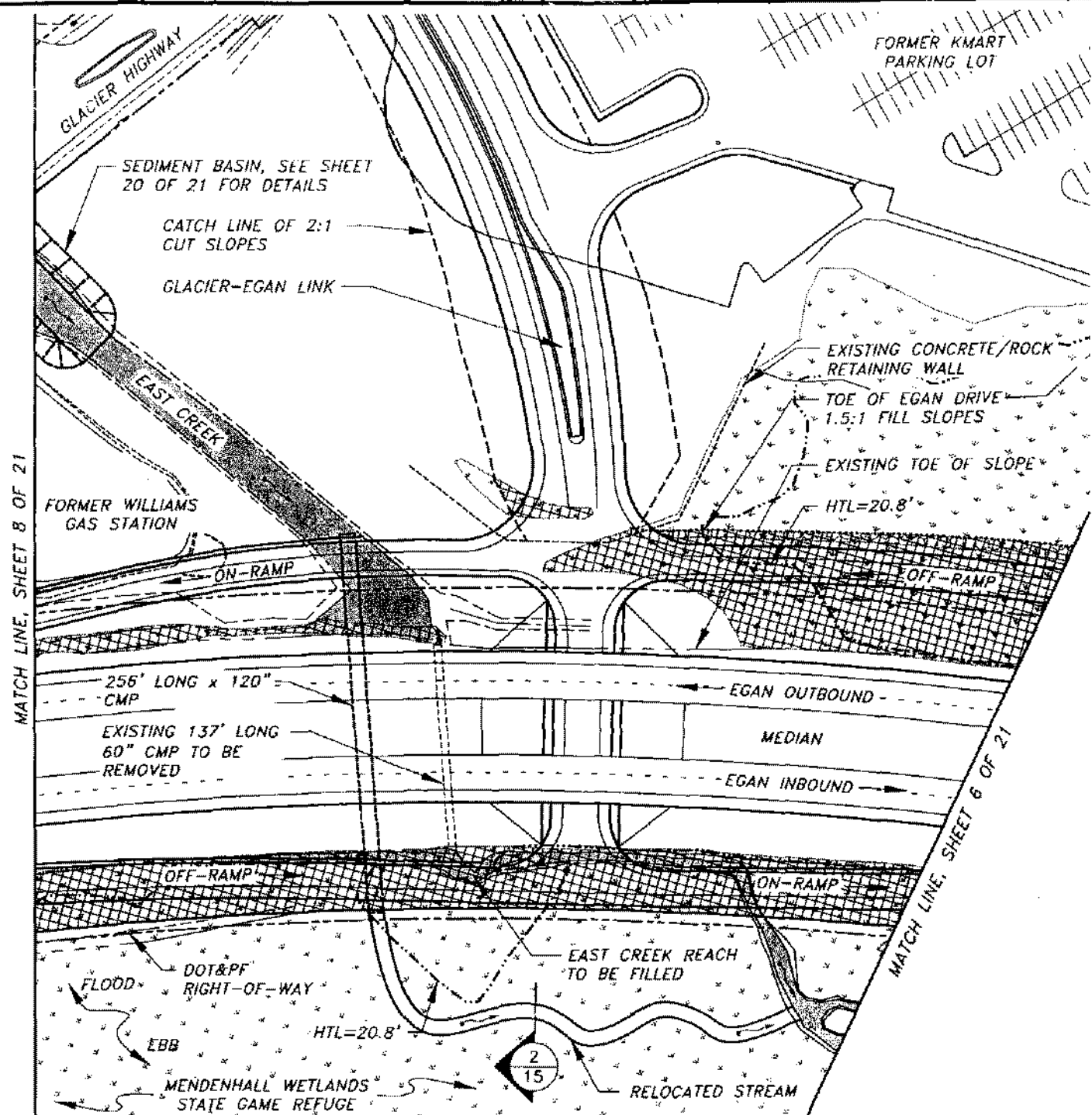


**SUNNY POINT INTERSECTION  
IMPROVEMENTS**  
DOT & PF PROJECT #71431

**POA-2003-1288-2 (Gastineau Channel)**  
**ADOT&PF**  
**Sunny Point Intersection Improvements**  
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**April 13, 2005**

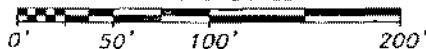


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### Site Plan

GRAPHIC SCALE



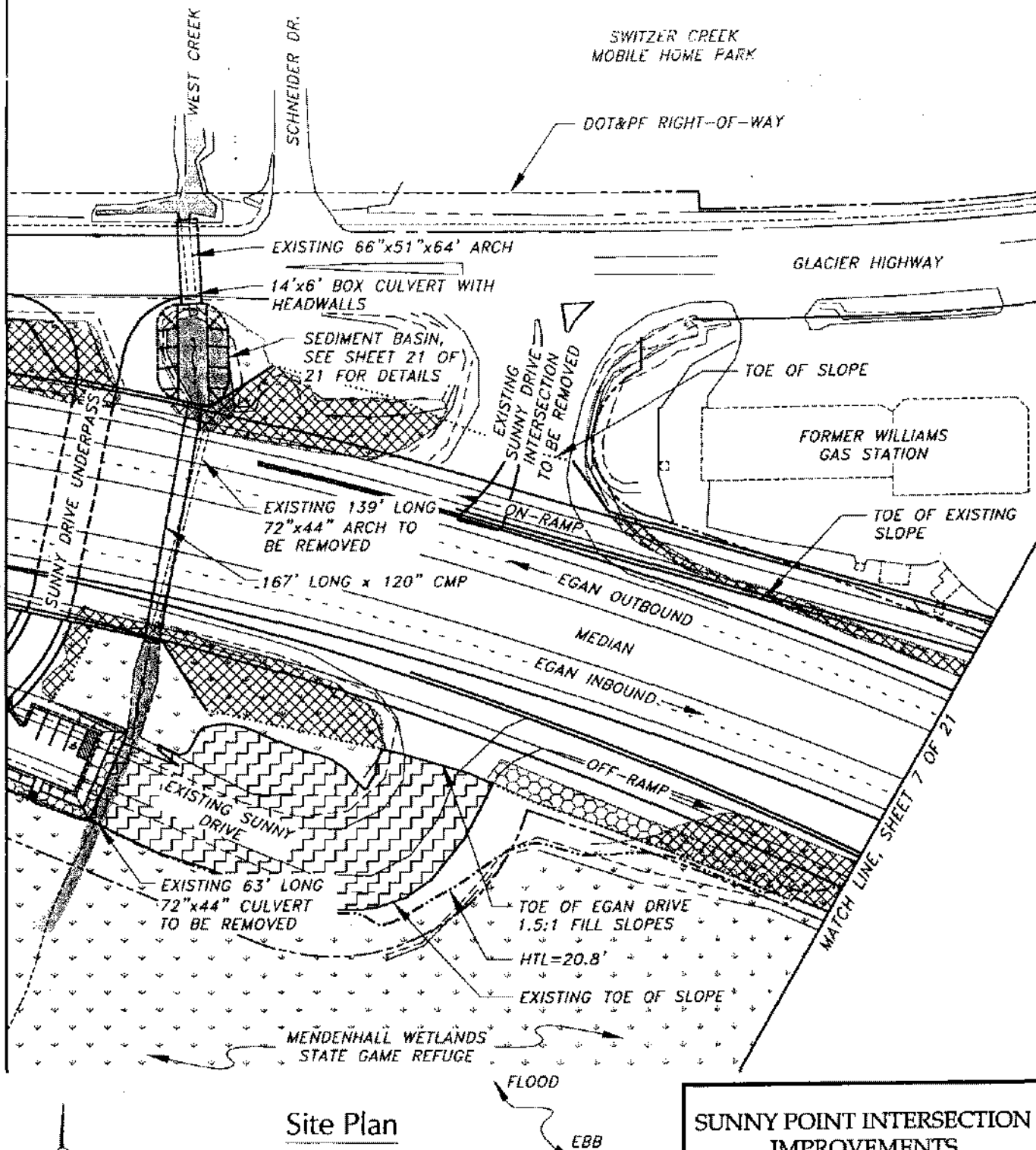
### SUNNY POINT INTERSECTION IMPROVEMENTS

DOT & PF PROJECT #71431

POA-2003-1288-2 (Gastineau Channel)  
ADOT&PF  
Sunny Point Intersection Improvements  
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April 13, 2005

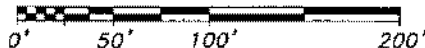
MATCH LINE, SHEET 9 OF 21

MATCH LINE, SHEET 7 OF 21



# Site Plan

GRAPHIC SCALE



## SUNNY POINT INTERSECTION IMPROVEMENTS

DOT & PF PROJECT #71431

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ADOT&PF

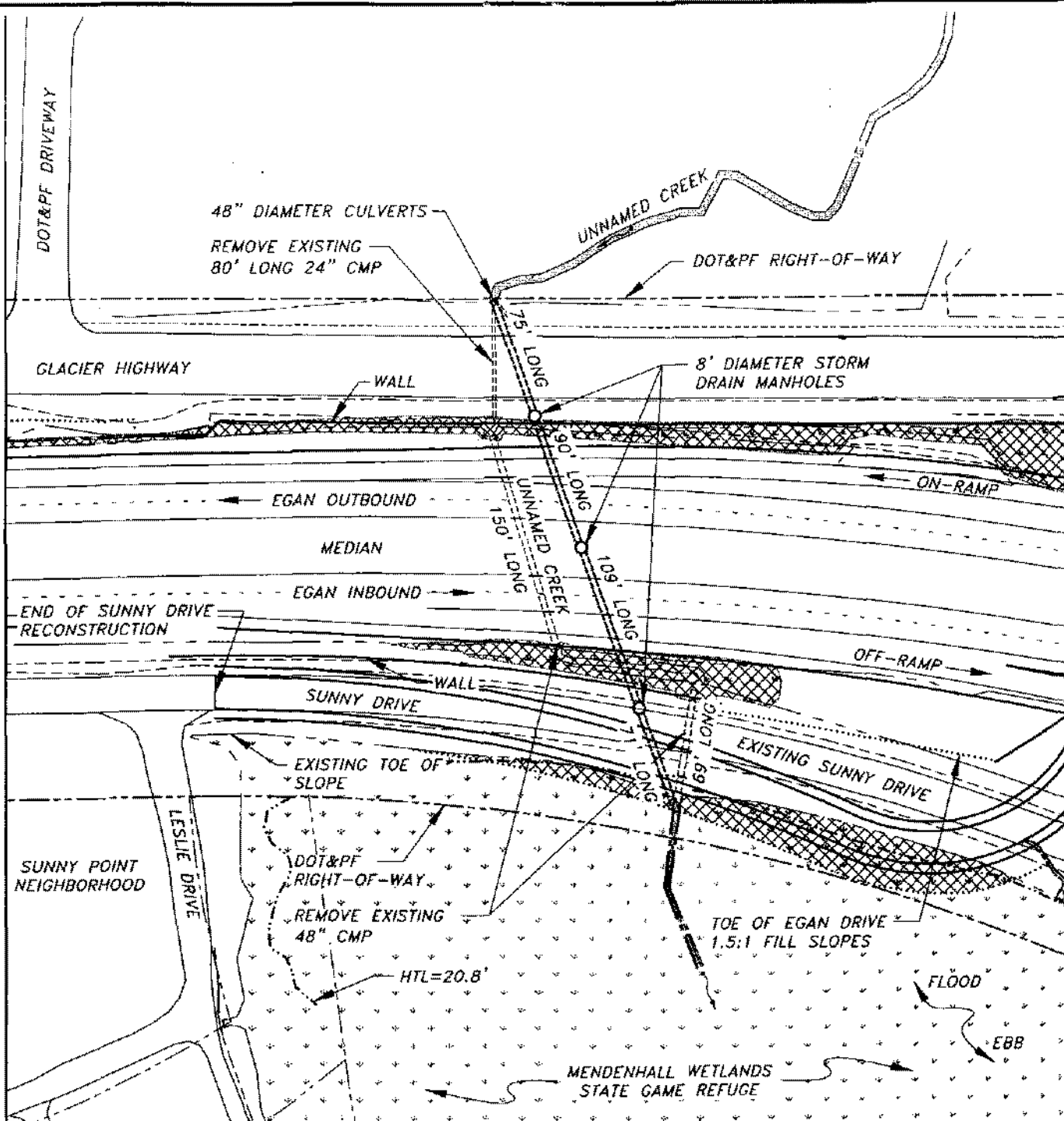
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Sheet 4 of 17

April 13, 2005

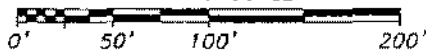
MATCH LINE, SHEET 10 OF 21

MATCH LINE, SHEET 8 OF 21



### Site Plan

GRAPHIC SCALE

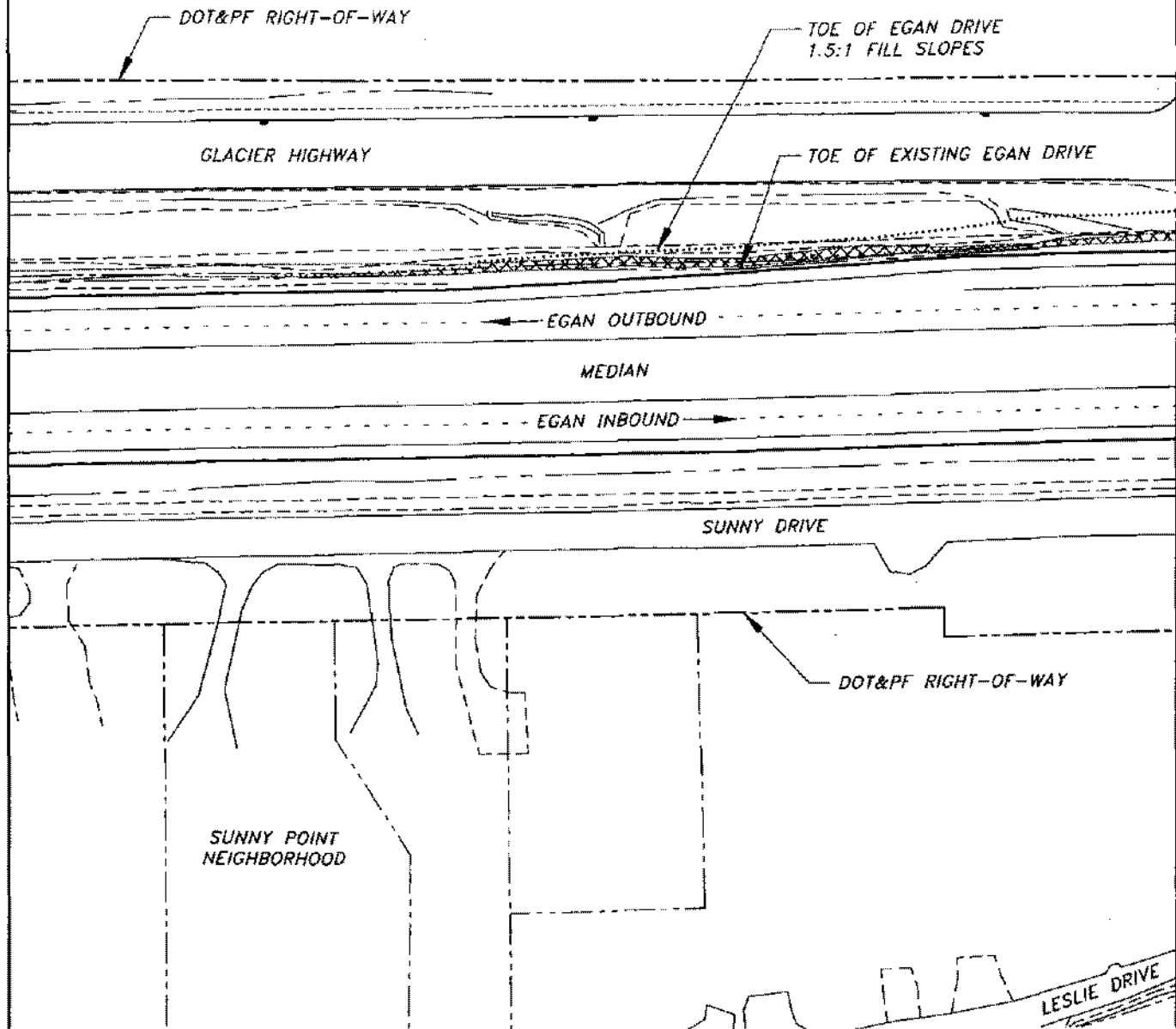


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DOT & PF PROJECT #71431

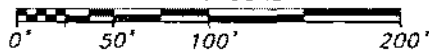
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ADOT&PF  
Sunny Point Intersection Improvements  
Sheet 5 of 17  
April 13, 2005

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### Site Plan

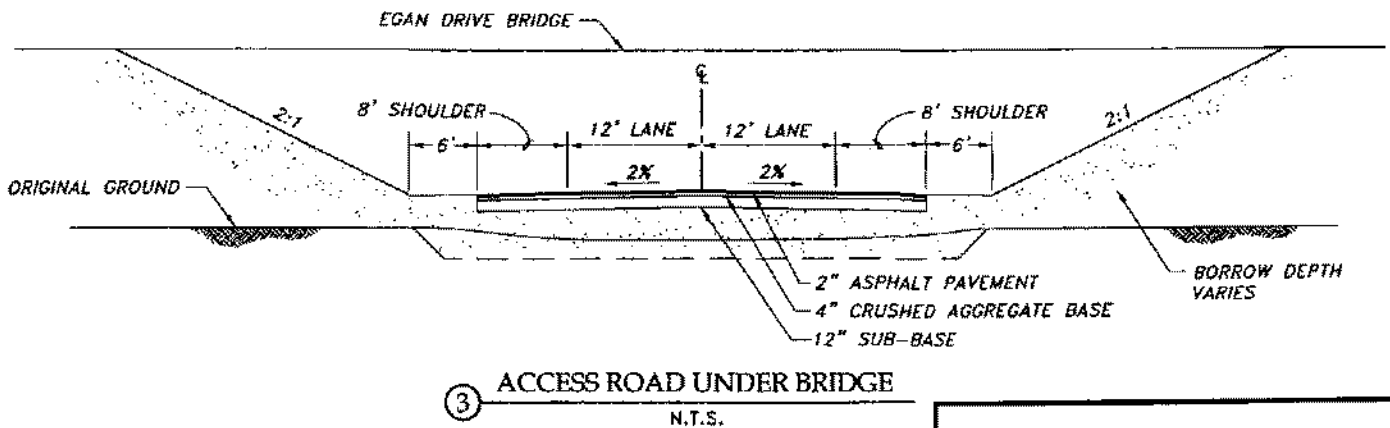
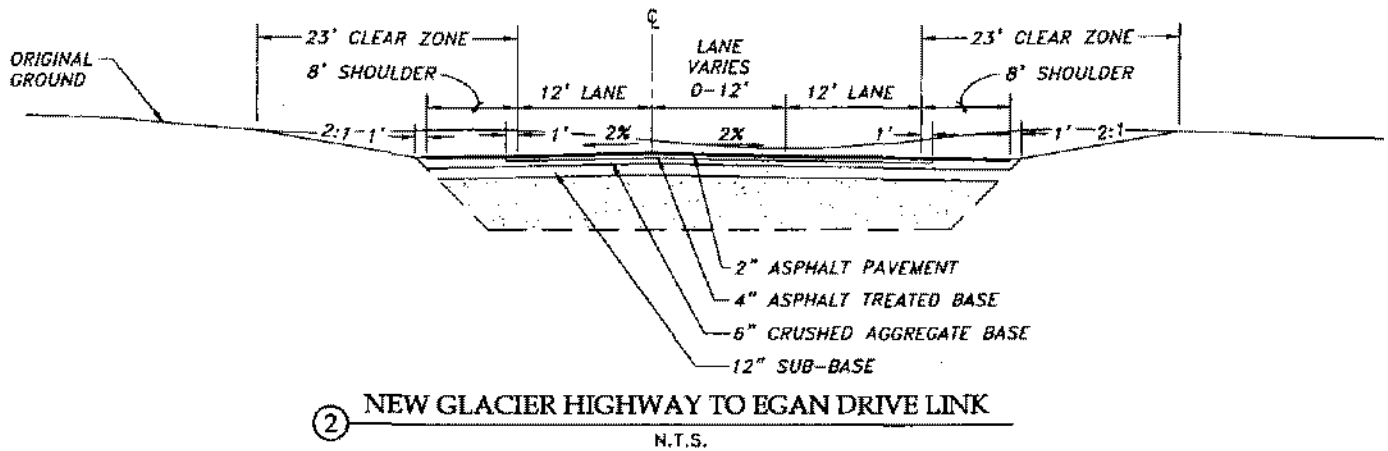
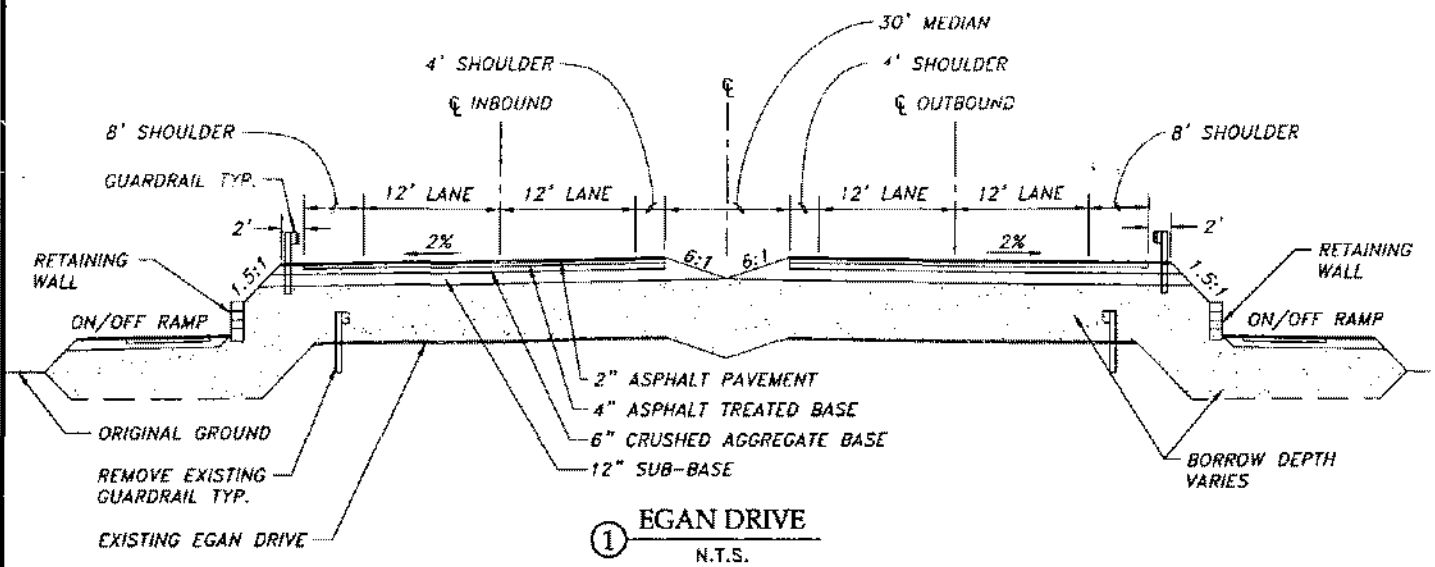
GRAPHIC SCALE



### SUNNY POINT INTERSECTION IMPROVEMENTS

DOT & PF PROJECT #71431

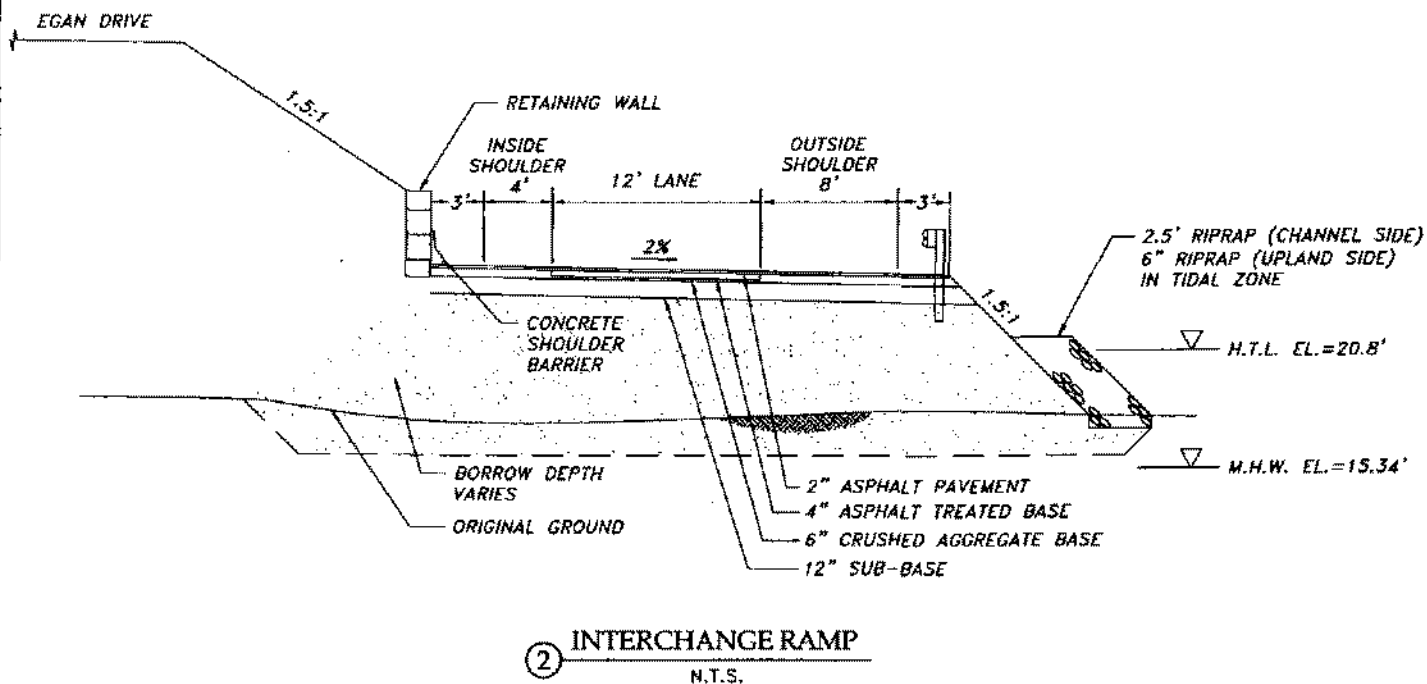
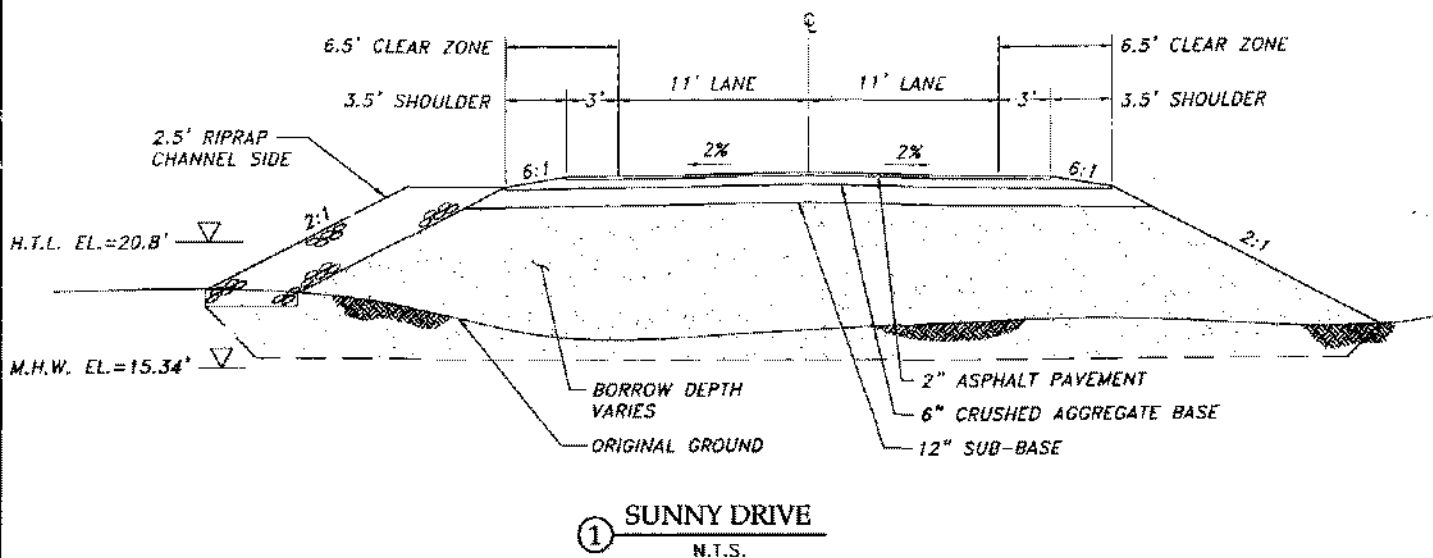
POA-2003-1288-2 (Gastineau Channel)  
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SUNNY POINT INTERSECTION  
IMPROVEMENTS  
DOT & PF PROJECT #71431

POA-2003-1288-2 (Gastineau Channel)  
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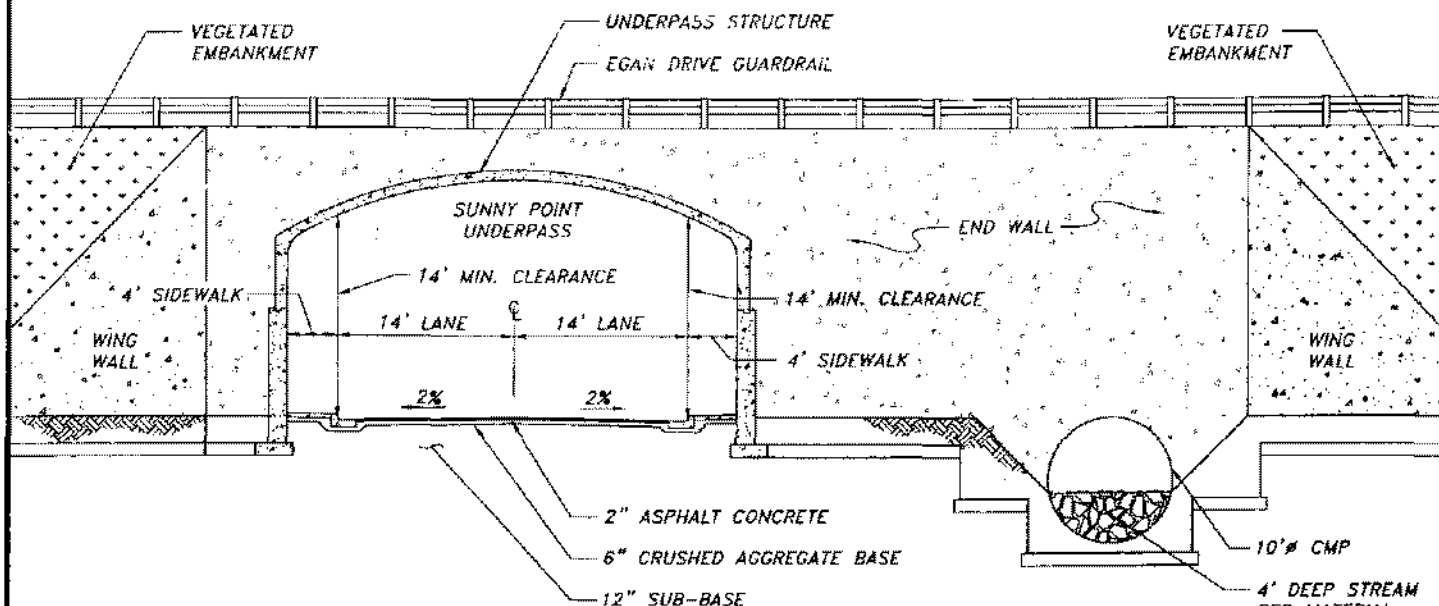
TYPICAL SECTIONS



**SUNNY POINT INTERSECTION IMPROVEMENTS**  
DOT & PF PROJECT #71431

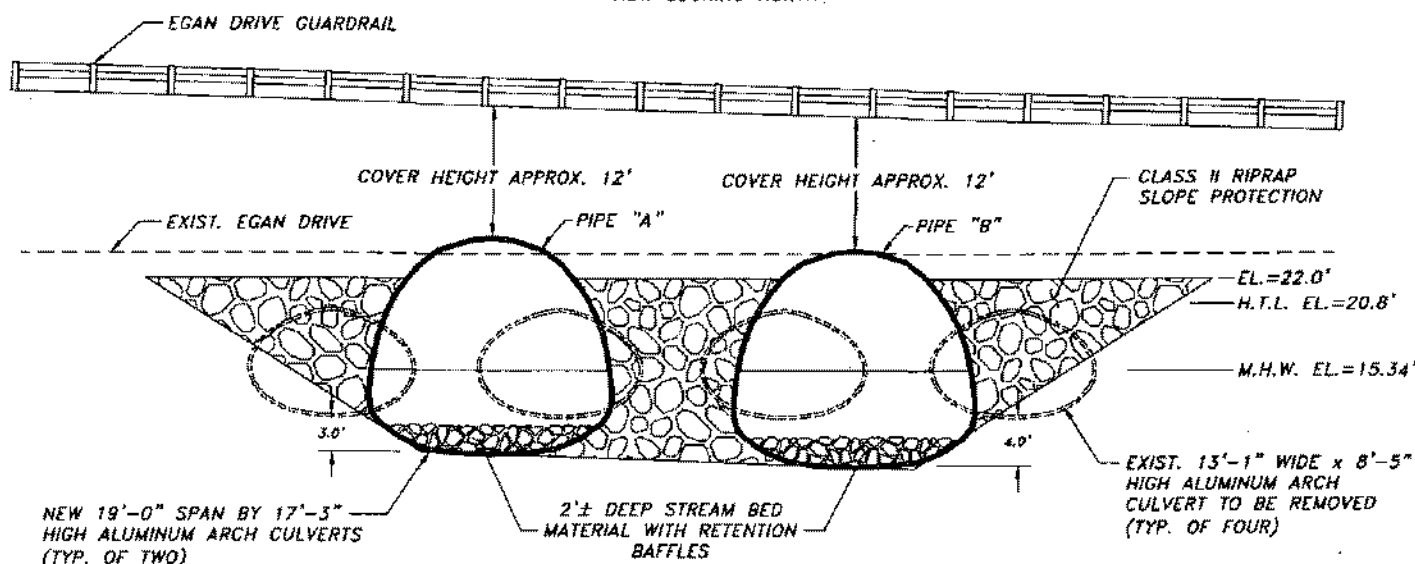
POA-2003-1288-2 (Gastineau Channel)  
ADOT&PF  
Sunny Point Intersection Improvements  
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TYPICAL SECTIONS



① **SUNNY POINT UNDERPASS**  
N.T.S.

VIEW LOOKING NORTH



② **SWITZER CREEK CULVERT REPLACEMENT**  
N.T.S.

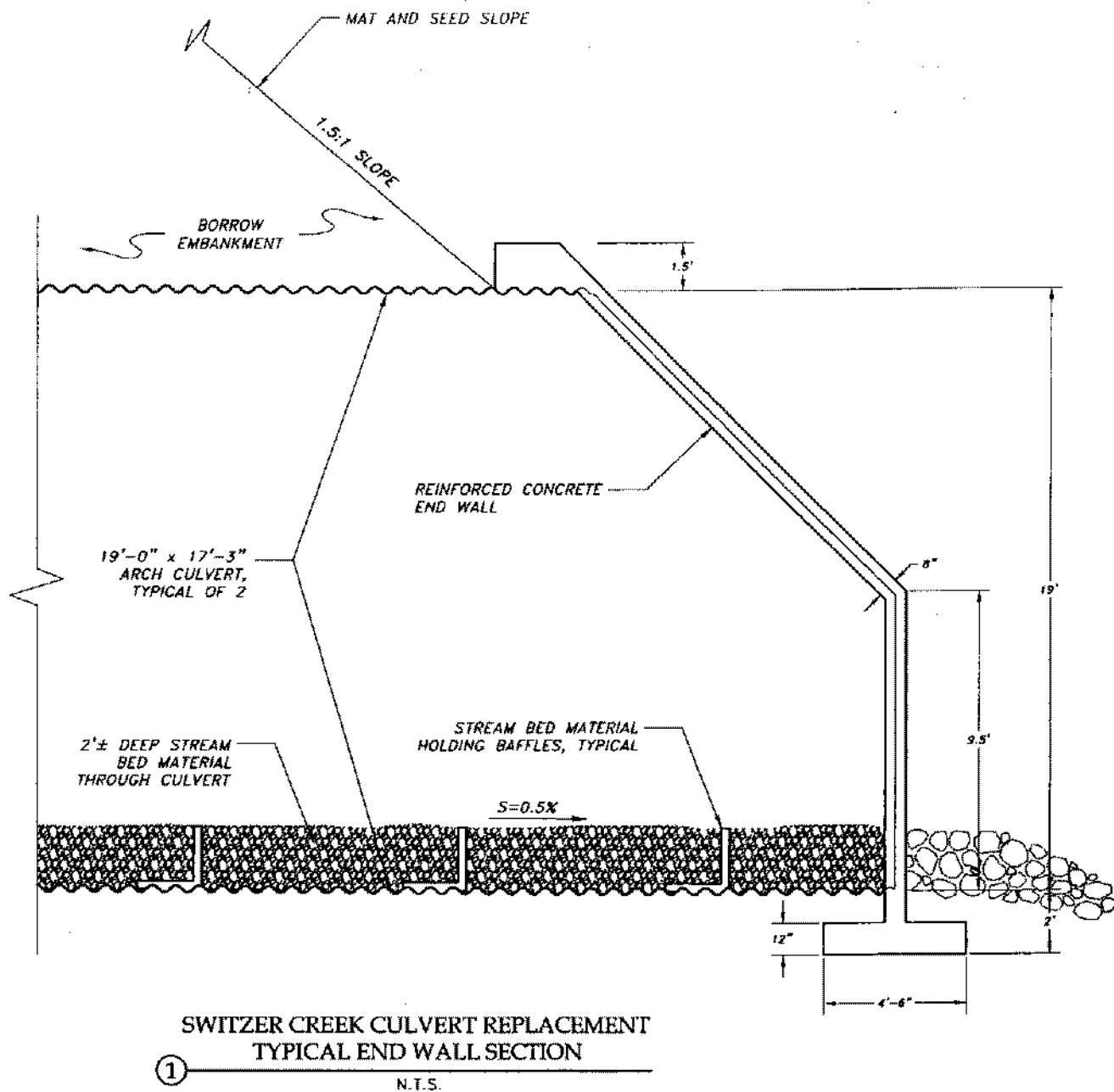
VIEW LOOKING NORTH

CULVERT INVERT ELEVATIONS*		
CULVERT DESCRIPTION	INLET I.E.	OUTLET I.E.
EXISTING ARCH PIPES TO BE REMOVED	12.61'	11.77'
NEW PIPE "A"	9.61'	8.77'
NEW PIPE "B"	8.61'	7.77'
* NEW CULVERTS PROPOSED TO HAVE SAME GRADE AS EXISTING CULVERTS (0.5%).		

**SUNNY POINT INTERSECTION  
IMPROVEMENTS**  
DOT & PF PROJECT #71431

**POA-2003-1288-2 (Gastineau Channel)**  
**ADOT&PF**  
**Sunny Point Intersection Improvements**  
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**April 13, 2005**

**TYPICAL SECTIONS**



**SUNNY POINT INTERSECTION  
IMPROVEMENTS**  
DOT & PF PROJECT #71431

### TYPICAL SECTION



PARKING FOR  
REFUGE USERS

TOPSOIL & SEED

RE-VEGETATE AREA WITH SUITABLE STAKED  
ORGANIC MAT (REMOVED FROM ELSEWHERE  
ON PROJECT)

2.5' RIPRAP SLOPE  
PROTECTION

EL.=22'

HTL 20.8'

CUT DEPTH VARIES  
1'-2' HEIGHT

SLOPE CHANNEL  
BANK AT 2:1

12'

EXCAVATE CHANNEL  
DISPOSE OF MATERIAL  
OFF SITE

### WEST CREEK OPEN CHANNEL CONSTRUCTION CROSS SECTION (SUNNY DRIVE REMOVED)

①

N.T.S.

PLANT ADDITIONAL WILLOWS  
AS REQUIRED AT STREAM BANK

UNDISTURBED VEGETATION

8'-12'

DO NOT DISTURB  
EXISTING VEGETATION  
DURING CONSTRUCTION

HTL 20.8'

CUT DEPTH 3'±

EXCAVATE NEW CHANNEL  
DISPOSE OF MATERIAL  
OFF SITE

IMPORTED STREAM  
BED GRAVEL

2'±

### EAST CREEK RELOCATION CROSS SECTION (DOWNSTREAM OF EGAN DRIVE)

②

N.T.S.

4'±

CUT DEPTH  
2' TO 3'±

HTL 20.8'

SLOPE CHANNEL BANK  
AT NEAR VERTICAL

EXCAVATE CHANNEL  
DISPOSE OF MATERIAL  
OFF SITE

### SWITZER CREEK SIDE CHANNEL RELOCATION CROSS SECTION (UPSTREAM OF EGAN DRIVE)

③

N.T.S.

## SUNNY POINT INTERSECTION IMPROVEMENTS

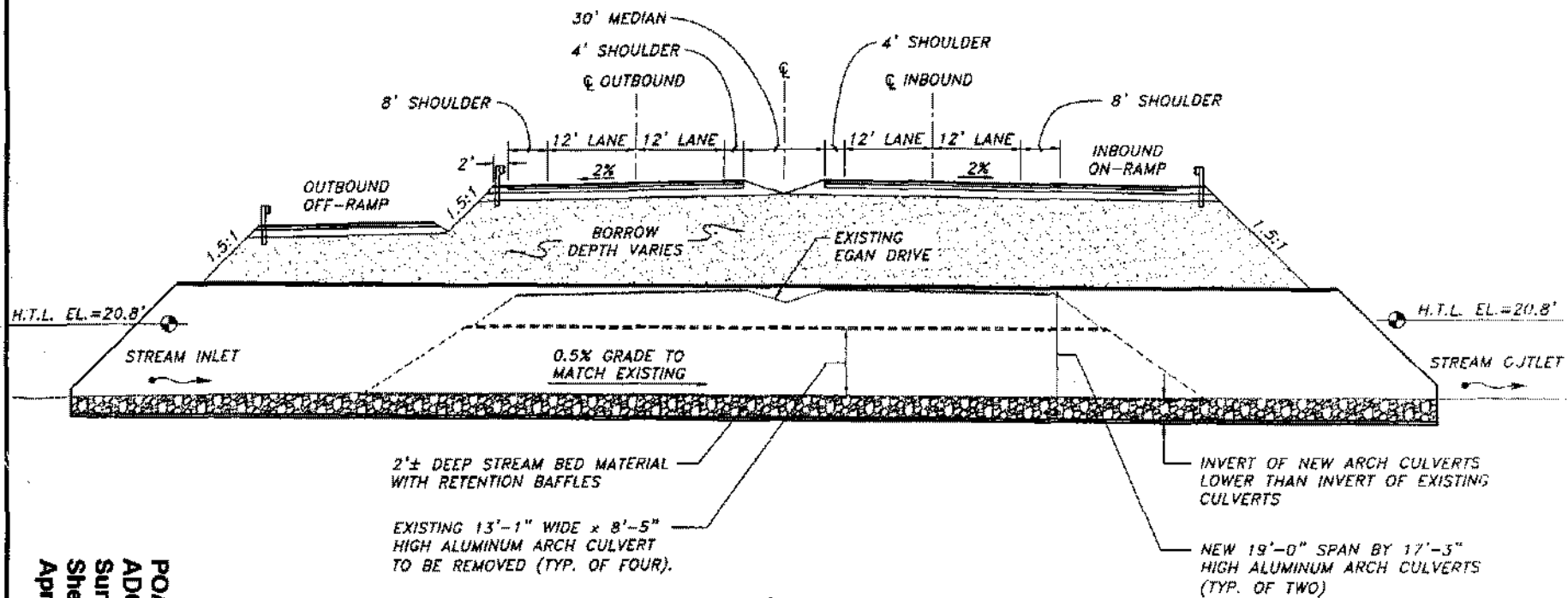
DOT & PF PROJECT #71431

POA-2003-1288-2 (Gastineau Channel)  
ADOT&PF

Sunny Point Intersection Improvements  
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## TYPICAL SECTIONS



**NOTES:**

1. FLOW DIRECTION IN CULVERT IS REVERSED DURING PORTIONS OF FLOOD TIDES.
2. SEE SHEET 14 FOR TYPICAL END WALL SECTION.

①

**SWITZER CREEK CULVERT REPLACEMENT**

N.T.S.

PROFILE VIEW LOOKING EAST

SUNNY POINT INTERSECTION

IMPROVEMENTS

DOT & PF PROJECT #71431

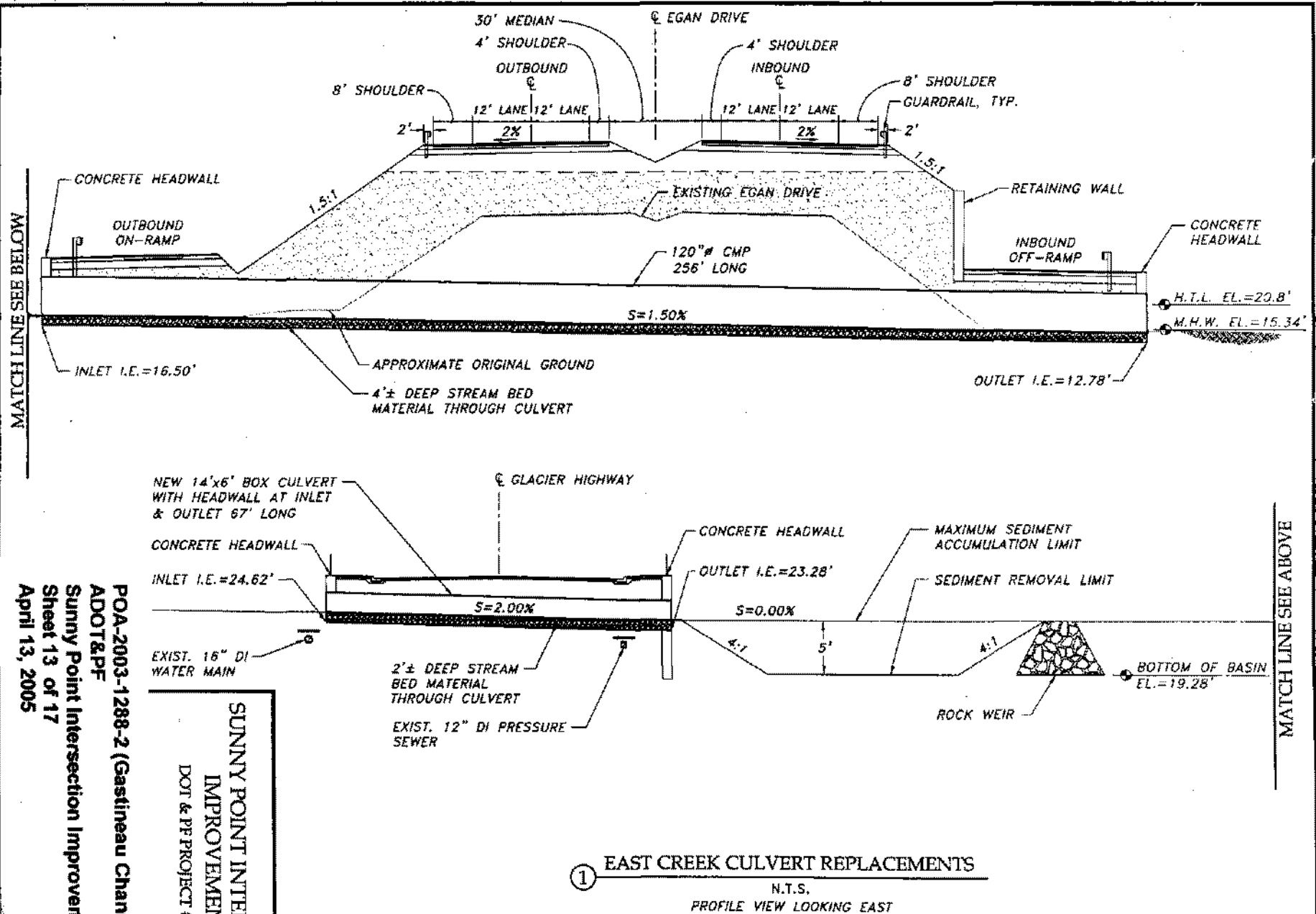
POA-2003-1288-2 (Gaslineau Channel)

ADOT&PF

Sunny Point Intersection Improvements

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① EAST CREEK CULVERT REPLACEMENTS

N.T.S.  
PROFILE VIEW LOOKING EAST

SUNNY POINT INTERSECTION

IMPROVEMENTS

DOT & PF PROJECT #71431

POA-2003-1288-2 (Gaslineau Channel)

ADOT&PF

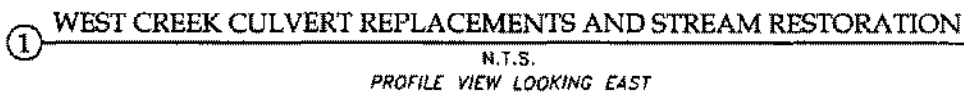
Sunny Point Intersection Improvements

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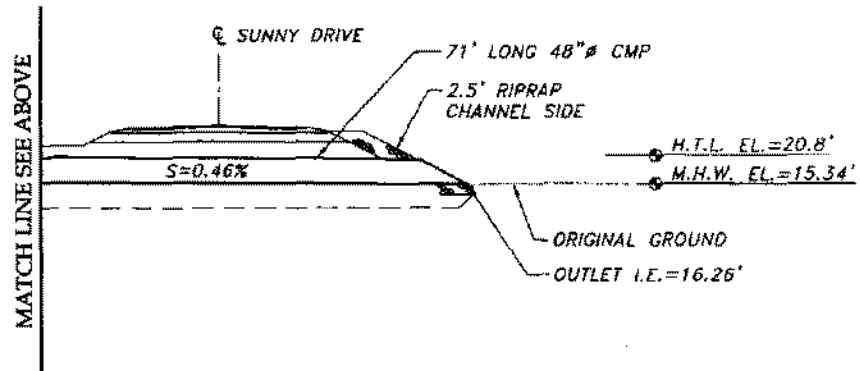
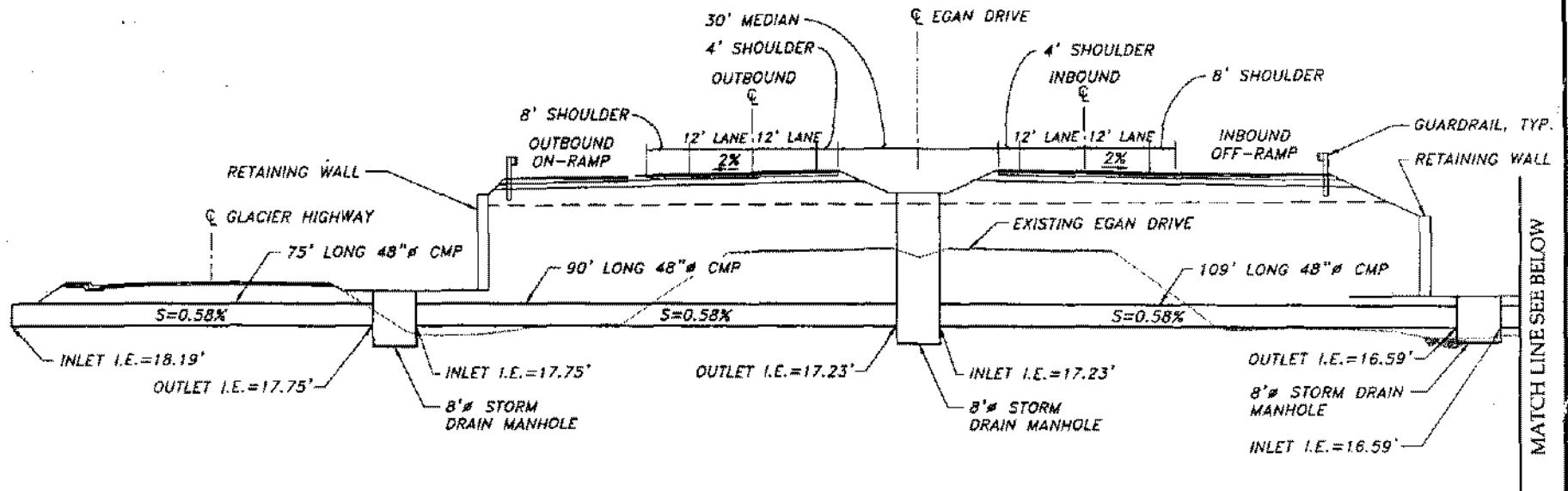
April 13, 2005

**SUNNY POINT INTERSECTION  
IMPROVEMENTS  
DOT & PF PROJECT #77431**

DOT &amp; FF PROJECT #71431



N.T.S.  
PROFILE VIEW LOOKING EAST

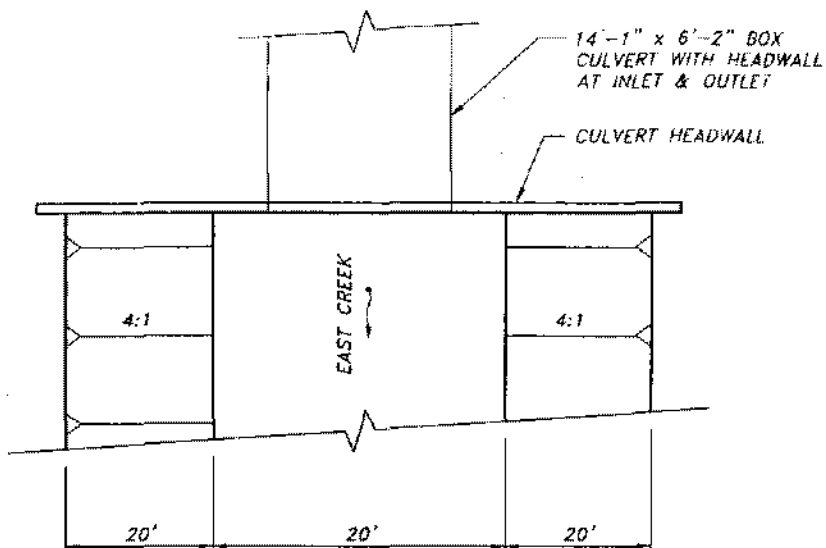


① UNNAMED CREEK CULVERT REPLACEMENTS  
N.T.S.  
PROFILE VIEW LOOKING EAST

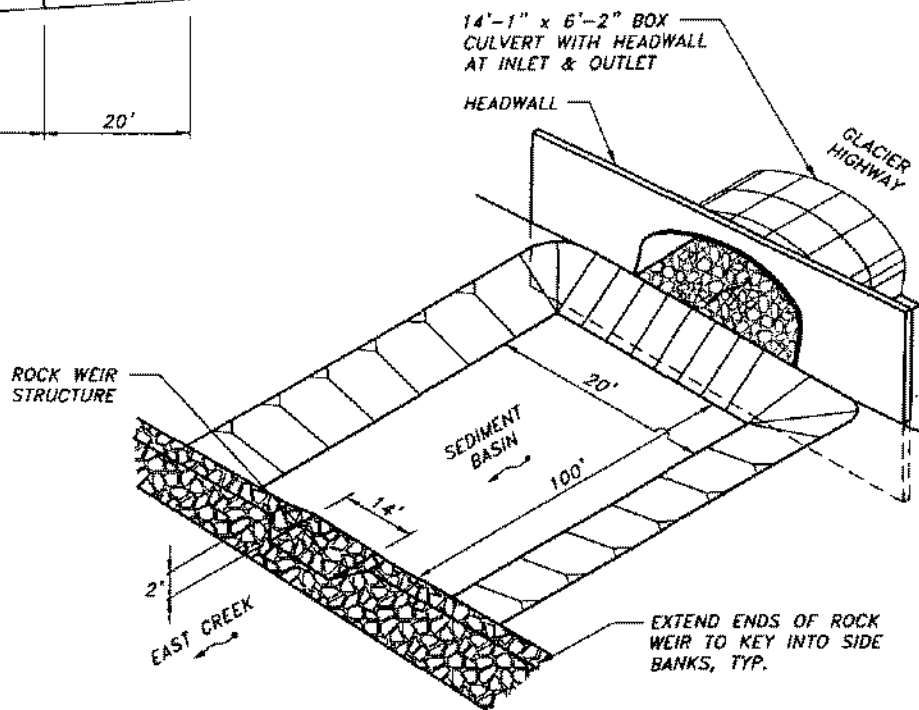
SUNNY POINT INTERSECTION  
IMPROVEMENTS

DOT & PE PROJECT #71431

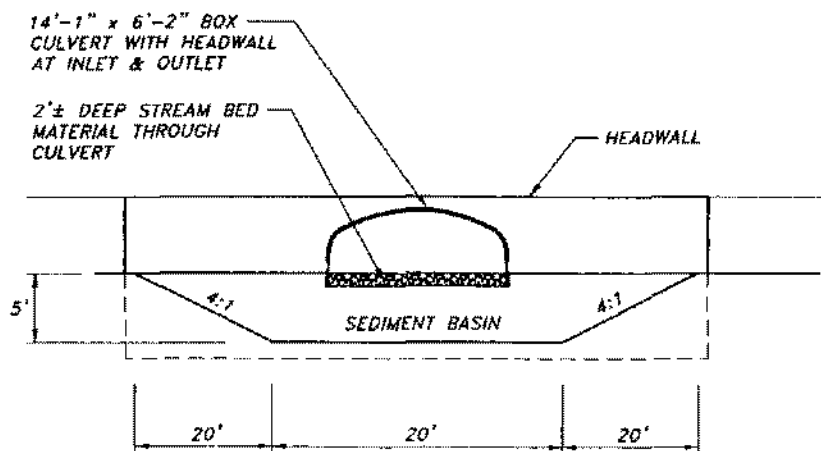
POA-2003-1288-2 (Gastineau Channel)  
ADOT&PF  
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PLAN VIEW



ISOMETRIC VIEW

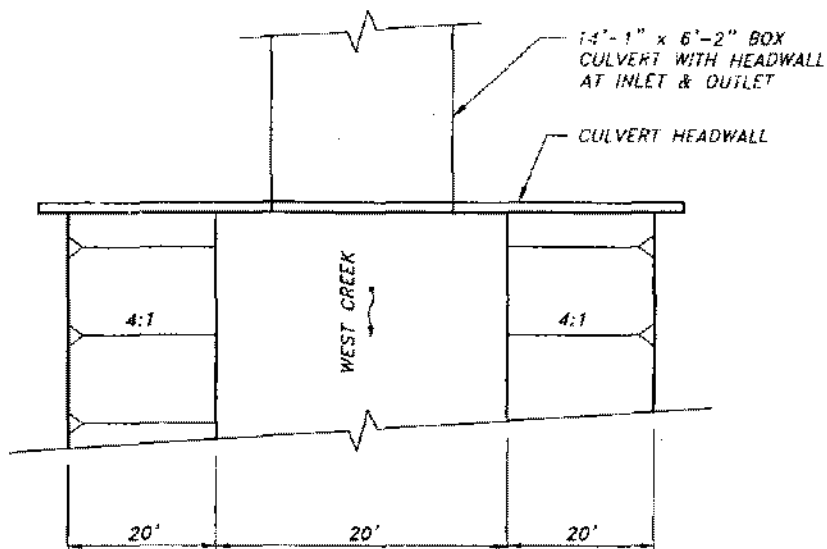


FRONT ELEVATION

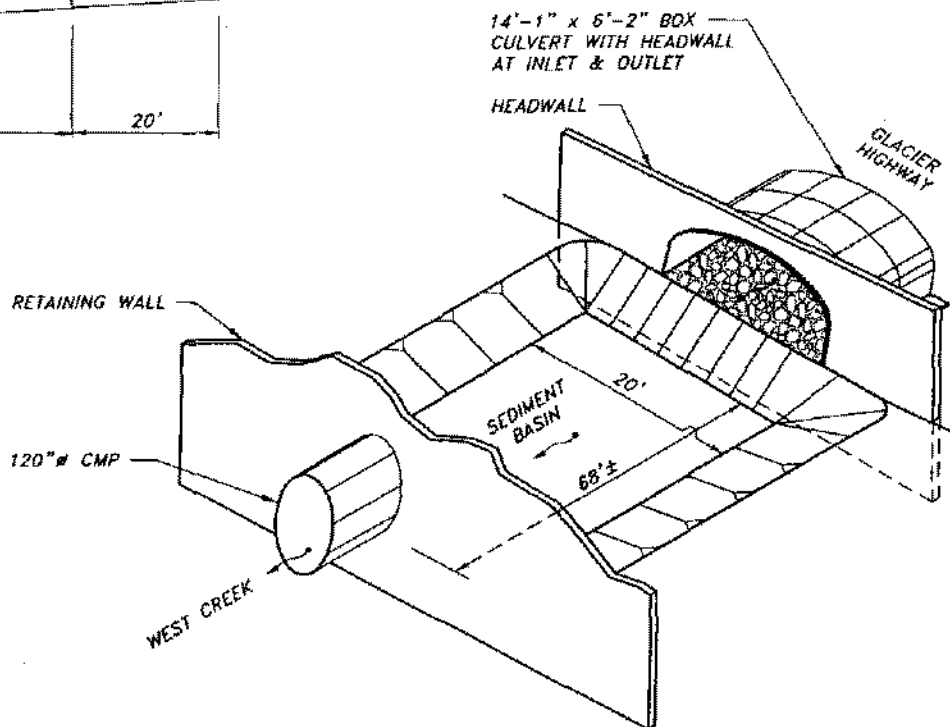
① EAST CREEK SEDIMENT BASIN  
N.T.S.

SUNNY POINT INTERSECTION  
IMPROVEMENTS  
DOT & PF PROJECT #71431

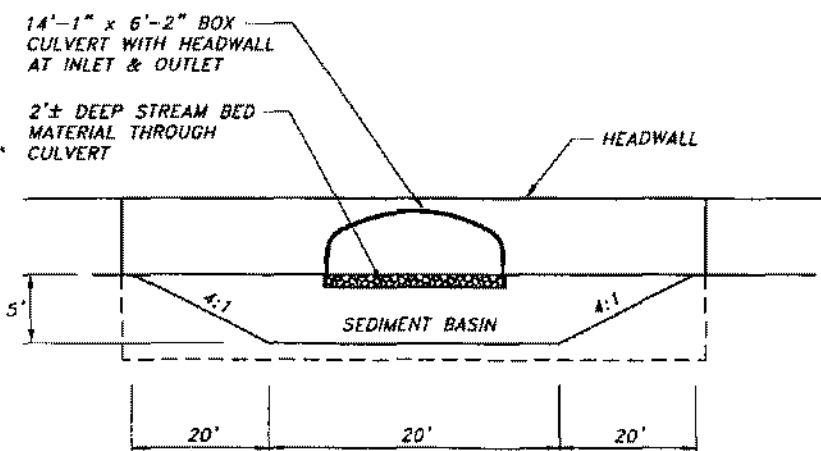
POA-2003-1288-2 (Gastineau Channel)  
ADOT&PF  
Sunny Point Intersection Improvements  
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PLAN VIEW



ISOMETRIC VIEW



FRONT ELEVATION

① WEST CREEK SEDIMENT BASIN  
N.T.S.

SUNNY POINT INTERSECTION  
IMPROVEMENTS  
DOT & PF PROJECT #71431

POA-2003-1288-2 (Gastineau Channel)  
ADOT&PF  
Sunny Point Intersection Improvements  
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April 13, 2005

# STATE OF ALASKA

## OFFICE OF THE GOVERNOR

DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF PROJECT MANAGEMENT AND PERMITTING

OFFICE OF PROJECT MANAGEMENT AND PERMITTING  
302 GOLD STREET, SUITE 202  
JUNEAU, ALASKA 99801-1127  
PHONE: (907) 465-3562/FAX: (907) 465-3075

NOTICE OF APPLICATION  
FOR  
CERTIFICATION OF CONSISTENCY WITH THE  
ALASKA COASTAL MANAGEMENT PROGRAM

Notice is hereby given that a request is being filed with the Office of Project Management and Permitting for a consistency determination, as provided in Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended [16 U.S.C. 1456(c)(3)], that the project described in the Corps of Engineers Public Notice No. **POA-2003-1288-2 (Gastineau Channel)**, will comply with the Alaska Coastal Management Program and that the project will be conducted in a manner consistent with that program.

This project is being reviewed for consistency with the Alaska Coastal Management Program. Written comments about the consistency of the project with the applicable ACMP statewide standards and district policies must be submitted to the Office of Project Management and Permitting. For information about this consistency review, contact OPMP at (907) 269-7470 or (907) 465-3562, or visit the ACMP web site at <http://www.gov.state.ak.us/gdc/Projects/projects.html>.



# STATE OF ALASKA

## OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

**DIVISION OF AIR AND WATER QUALITY**

Non-Point Source Control Section

401 Certification Program

NOTICE OF APPLICATION  
FOR  
STATE WATER QUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. **POA-2003-1288-2 (Gastineau Channel)**, serves as application for State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation  
WQM/401 Certification  
555 Cordova Street  
Anchorage, Alaska 99501-2617  
Telephone: (907) 269-7564  
FAX: (907) 269-7508